



US006005306A

United States Patent [19]

[11] Patent Number: 6,005,306

Pickard

[45] Date of Patent: Dec. 21, 1999

[54] REMOTE CONTROL DOOR LOCK SYSTEM

5,852,944 12/1998 Collard, Jr. et al. 70/278

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Brochure, Weiser Lock, Powerbolt Home Access System, ©1997 Masco Building Products Corporation.

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[21] Appl. No.: 09/133,937

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[22] Filed: Aug. 14, 1998

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[51] Int. Cl.⁶ H01H 35/00

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[52] U.S. Cl. 307/117; 340/825.31; 340/825.72

[58] Field of Search 307/112, 113,

307/116, 117, 139, 140, 141, 141.8, 149;
340/500, 825, 825.31, 825.44, 825.71, 825.72

[57] ABSTRACT

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A wireless remote control lock system for residential and commercial building pedestrian doors includes an electrically powered striker plate assembly having a striker plate member moveable between positions for engagement and disengagement with a door latch member. The striker assembly is adapted to be connected to a control unit which supplies low voltage DC power to the striker assembly and includes a radio frequency range signal receiver and a circuit responsive to receiving signals from an operator controlled radio transmitter to effect indefinite or momentary operation of the striker assembly to unlock a door. The control unit circuit includes a first self-latching relay, a selector switch and a second relay for selecting an operating mode of the system wherein the door may be unlatched momentarily (for about 3.5 seconds, for example) or indefinitely until a second signal is transmitted by the transmitter to the receiver.

19 Claims, 2 Drawing Sheets

